CLAIMS

1. An HMD device comprising a frame, which is mountable on the head of a user, an image-generating device mounted on said frame and comprising projection optics, a connecting device and glasses for correcting an eye deficiency of the user, said glasses lacking temples and said glasses being releasably connectable with said frame by said connecting device, said glasses being arranged following said projection optics when the glasses are connected with the frame.

2. The HMD device as claimed in Claim 1, comprising a connecting device that always retains the glasses in the same predetermined position when the glasses are connected with the frame.

3. The HMD device as claimed in Claim 1, wherein the connecting device is structured such that the glasses are releasably engaged in the frame when the glasses are connected with the frame.

4. The HMD device as claimed in Claim 1, wherein the connecting device comprises a first connecting module fixed to the frame and a second connecting module fixed to the glasses, both of said connecting modules being releasably connectable with each other.

5. The HMD device as claimed in Claim 4, wherein the glasses comprise at least one spectacle lens held in a fitting and the second connecting module is mounted on said fitting.

6. The HMD device as claimed in Claim 4, wherein both connecting modules are provided such that they engage in a form-locking manner when the glasses are connected with the frame.

7. The HMD device as claimed in Claim 5, wherein both connecting modules are provided such that they engage in a form-locking manner when the glasses are connected with the frame.

8. The HMD device as claimed in Claim 4, wherein at least one of the connecting modules contains a permanent magnet.

9. The HMD device as claimed in Claim 5, wherein at least one of the connecting modules contains a permanent magnet.

10. The HMD device as claimed in Claim 6, wherein at least one of the connecting modules contains a permanent magnet.

11. The HMD device as claimed in Claim 7, wherein at least one of the connecting modules contains a permanent magnet.

12. A method of correcting for refractive errors of users of an HMD device, the HMD device being mountable on a user's head by a frame comprising a frame front and temples, the

frame front resting on the user's face and the temples resting on the user's ears and the HMD device comprising projection optics, the method comprising the steps of:

mounting lenses to compensate for the user's refractive error in a lens supporting structure; and

releasably mounting the supporting structure to the HMD device between the user's eyes and the projection optics.

13. The method as claimed in claim 12, further comprising the step of releasably mounting the supporting structure in a repeatable predetermined position.

14. The method as claimed in claim 12, further comprising the steps of securing a first connecting module to the HMD;

securing a second connecting module to the supporting structure; and

interconnecting the first connecting module to the second connecting module.

15. The method as claimed in claim 14, further comprising the steps of incorporating a permanent magnet into at least one of the first and second connecting modules.

16. A head mounted display device comprising:

a frame front supporting projection optics adapted to present visual images to at least one of a user's eyes, the frame front being structured to rest on a user's face;

temples operably connected to the frame front and structured to rest on a user's ears;

at least one corrective lens adapted to compensate for the user's visual deficiency, the corrective lens being supported by a connection member releasably connectable to the frame front to interpose the lens between the user's eye and the projection optics in repeatably positionable fashion whereby the lens allows a clear view of the presented visual images.

17. The head mounted display device as claimed in claim 16, in which the connecting module comprises a first connecting module attached to the lens and a second connecting module connected to the frame front, the first connecting module being structured to complementarily mate with the second connecting module.

18. The head mounted display device as claimed in claim 17, in which the first connecting module engages the second connecting module in a form locking manner.

19. The head mounted display device as claimed in claim 17, in which at least one of the first connecting module and the second connecting module comprises a permanent magnet.